

Amendments to the Specification:

In the Specification:

Before paragraph [0001], please insert
BACKGROUND OF THE INVENTION

Before paragraph [0012], please insert
BRIEF SUMMARY OF THE INVENTION

Please amend paragraph [0012] as follows:

[0012] The problem is solved by the invention by a bond ~~with the features of claim 1~~ between a substrate material having a surface and a solid region proximate to the surface comprised of polymer compounds with a low active surface energy, and another material, wherein a nano-structured transition region comprising nano-composites is formed between the connected materials, in such a way that this region has a layer thickness between 20 nm and 20 μ m and is predominantly formed of nano-composites. The ratio of substrate material to an other material in a direction transverse to the transition region changes from predominantly substrate material in the immediate vicinity of the substrate material to predominantly the other material in the immediate vicinity of the other material, with the substrate material transitioning into the other material with a nano-structure. Further, the problem is solved ~~and by a method with the features of claim 5.~~ Dependent claims ~~Claims 2 to 4~~ describe advantageous embodiments of the adhesive bond, and ~~claims 6 to 9~~ describe advantageous embodiments of the method for producing the adhesive bond.

Before paragraph [0021], please insert
BRIEF DESCRIPTION OF THE DRAWINGS

Before paragraph [0028], please insert

DETAILED DESCRIPTION OF THE INVENTION